SEQUENCE LISTING

<110> Gold, Larry
      Zichi, Dominic A.
      Jenison, Robert D.
      Schneider, Daniel J.

<120> Method and Apparatus for the Automated Generation of
      Nucleic Acid Ligands

<130> NEX77/CIP2

<140> 09/616,284
<141> 2000-07-14

<150> 09/356,233
<151> 1999-07-16

<150> 09/232,946
<151> 1999-01-19

<150> 08/792,075
<151> 1997-01-31

<150> 09/143,190
<151> 1998-08-27

<150> 08/469,609
<151> 1995-06-06

<150> 07/714,131
<151> 1991-06-10

<150> 07/536,428
<151> 1990-06-11

<160> 5

<170> PatentIn Ver. 2.0

<210> 1
<211> 43
<212> DNA
<213> Artificial Sequence

<220>
<221> modified_base
<222> (1)..(43)

<223> T at position 10 is substituted with DABCYL- (CH2)
      6-; G at position 1 is substituted with 6-FAM.

<400> 1
gagcgaagct ctaatacgac tcactatagg gaggacgatg cgg   43

<210> 2
<211> 51
<212> DNA
<213> Artificial Sequence

<220>
<221> modified_base
<222> (1)..(51)
<223> T at position 10 is substituted with DABCYL- (CH2)
      6-; G at position 1 is substituted with 6-FAM.

<220>
<223> Description of Artificial Sequence: Synthetic
      Sequence

<400> 2
gagcgaagct ctaatacgac tcactatagg gagacaagaa taaacgctca a   51

<210> 3
<211> 61
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
      Sequence

<220>
<221> modified_base
<222> (1)..(61)
<223> N at positions 16-45 is A, G, C or T.

<400> 3
gggaggacga tgcggnnnnn nnnnnnnnnn nnnnnnnnnn nnnnncagac gacgagcggg 60
a   61

<210> 4
<211> 23
<212> DNA
<213> Artificial Sequence

<220>

2

<223> Description of Artificial Sequence: Synthetic
     Sequence

<400> 4
atatatatgg gaggacgatg cgg   23

<210> 5
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
     Sequence

<400> 5
tttttttttc ccgctcgtcg tctg   24

3